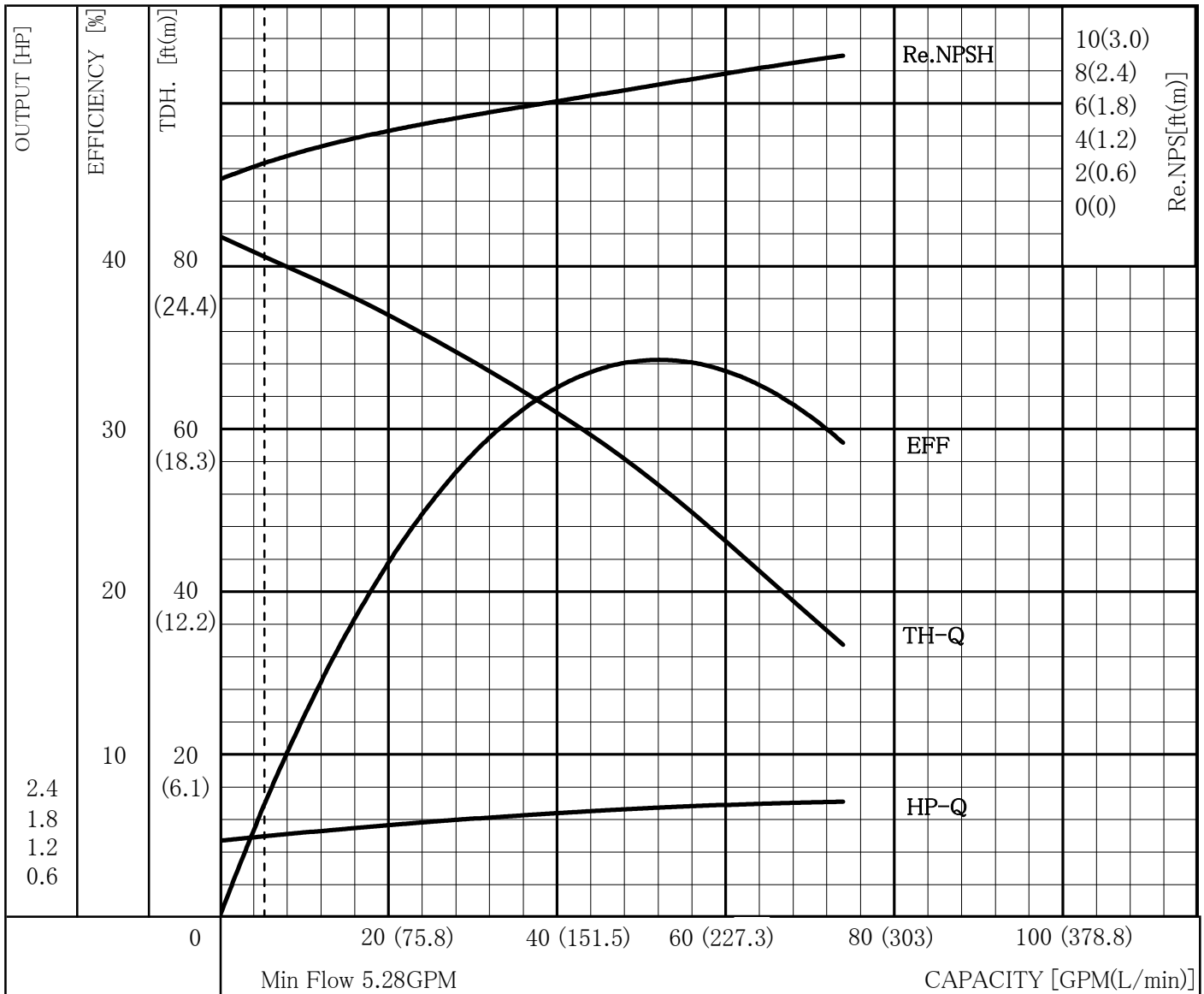


# Expected Performance Curvers

|             |           |
|-------------|-----------|
| DATE        | 2024/9/18 |
| APPROVED BY | T.YOSHIDA |
| TESTED BY   | HAI DANG  |

| PUMP                |                  |                    | MOTOR       |                        |
|---------------------|------------------|--------------------|-------------|------------------------|
| Pump Model          |                  | Liquid Temperature | Motor Frame | Phase                  |
| YD-4003GVF3         |                  | Ambient            | 56C         | 3                      |
| Suction × Discharge | Impeller Dia.    | S.G.               | Pole        | Power                  |
| 1-1/2" × 1-1/2"     | 5.04 × 4.49 inch | 1.3                | 2 P         | 3 HP                   |
| Max Capacity        | Max TDH          | Max Pressure       | Frequency   | Speed                  |
| 73.9 GPM            | 83.7 ft          | 47.2 PSI           | 60 Hz       | 3505 min <sup>-1</sup> |

| No. | CAPACITY | TDH. | WATER POWER | EFFICIENCY | OUTPUT |      |
|-----|----------|------|-------------|------------|--------|------|
|     | GPM      | ft   | kW          | %          | kW     | HP   |
| 1   | 0        | 83.7 | 0           | 0          | 1.06   | 1.41 |
| 2   | 18.5     | 74.8 | 0.260       | 20.8       | 1.25   | 1.67 |
| 3   | 37       | 64.0 | 0.445       | 31.1       | 1.43   | 1.91 |
| 4   | 52.8     | 52.5 | 0.522       | 34.5       | 1.51   | 2.01 |
| 5   | 73.9     | 33.5 | 0.466       | 29.1       | 1.60   | 2.13 |



This performance test is based on JIS B 8301,8302. The specific gravity of test liquid is 1.0, and the liquid is ambient temperature.